

METHOD AND SYSTEM FOR SELF-ALIGNING PARTS IN MEMS

Abstract

[00089] A method and system for efficiently self-aligning parts of a MEMS during manufacturing, as well as controlling distance between these parts, are disclosed. According to the invention each MEMS part comprises at least one pad that is aligned so as to form a pair of pads. In a preferred embodiment, each part comprises three pads. The pad shape of two pairs of pads is rectangular, one pair being rotated of an angle approximately equal to 90° from the other, and the pad shape of the third pair is annular. Therefore, one of the pair of pads allows alignment according to a first direction, a second pair of pads allows alignment according to a second direction, and the third pair of pads allows rotational alignment.